Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A system for detecting an object while reversing a vehicle and providing an indication to ~~the~~ a driver of the proximity of the object comprising sensor means for detecting an object in the path of a reversing vehicle within a range of one meter of the vehicle, said sensor means comprising a plurality of proximity sensors for mounting in spaced apart relationship across the back of the vehicle, each sensor and arranged to transmit an ultrasonic signal and receive a reflected signal from an object in the path of a transmitted signal from the same sensor or a different sensor, electronic control means arranged to receive said reflected signals from said sensors and determine the proximity of said object to the vehicle, radio frequency transmitter means in communication with ~~the sensors means~~ said electronic control means for transmitting a signal representative of the distance of the object detected by ~~the~~ said sensor means from the vehicle, and radio frequency receiver means for receiving the signal from ~~the~~ said transmitter means and generating a visual and/or audible indication to the driver of the proximity of the detected object relative to the vehicle, wherein ~~at least one of the~~ said sensor means, electronic control means and transmitter means are combined in a ~~and receiver means is~~ detachable unit for transfer between vehicles.

Claim 2 (currently amended) The ~~A~~ system according to claim 1 wherein a visual indication is provided by a plurality of lights which are progressively illuminated to indicate a reduction in the distance between the object and the vehicle.

Claim 3 (currently amended) The ~~A~~ system according to claim 1 wherein an audible indication is provided by intermittent beeps which become progressively faster to indicate a reduction in the distance between the object and the vehicle.

Claim 4 (currently amended) The ~~A~~ system according to claim 2 in which all the lights are illuminated at a predetermined distance between the object and the vehicle.

Claim 5 (currently amended) The ~~A~~ system according to claim 3 in which the beep becomes a continuous tone at a predetermined distance between the object and the vehicle.

Claim 6 (cancelled)

Claim 7 (currently amended) The ~~A~~ system according to claim ~~6~~ 1 in which ~~the transmitter~~ said detachable unit is mountable on ~~a~~ the back of the vehicle or the back of a trailer towed by the vehicle.

Claim 8 (currently amended) The ~~A~~ system according to claim 1 in which ~~the~~ said receiver means is mountable on the front of the vehicle.

Claim 9 (currently amended) The ~~A~~ system according to claim 1 ~~arranged~~ in which said detachable unit ~~to~~ is switched ~~switch~~ on and monitors ~~monitor~~ the distance to objects when reverse gear is selected.

Claim 10 (cancelled)

Claim 11 (currently amended) The ~~A~~ system according to claim 1 wherein ~~the transmitter~~ said detachable unit is connected to ~~the light circuit~~ a power source in the vehicle.

Claim 12 (currently amended) The ~~A~~ system according to claim 1 wherein ~~the~~ said receiver means is detachably connectable to a cigarette lighter socket in the vehicle.

Claim 13 (cancelled)

Claim 14 (currently amended) ~~A reversing aid for fitment to a vehicle~~ The system as claimed in claim ~~13~~ 1 wherein ~~at least said wireless transmitter~~ said detachable unit is demountable from a fixing to ~~said~~ the vehicle.

Claim 15 (currently amended) ~~A reversing aid for fitment to a vehicle~~ The system as claimed in claim 14 wherein said demountable fixing comprises a mounting bracket attachable to ~~a~~ the vehicle ~~to receive said transmitter to accommodate connection between said transmitter and at least one signal carrying communication path from said at least one sensor~~.

Claim 16 (currently amended) An object proximity detection system for a vehicle including:

~~at least one~~ a proximity sensor unit fittable to an exterior portion of a vehicle;

said proximity sensor unit comprising a plurality of sensors;

each sensor being arranged to transmit an ultrasonic signal and receive a reflected signal from an object in the path of a transmitted signal from the same sensor or a different sensor;

an electronic control unit arranged to receive said reflected signals from said sensors and determine the proximity of said object to the vehicle;

a wireless transmitter unit in communication with said ~~proximity sensor to receive signals from said sensor~~ electronic control unit and transmit signals in accordance with the ~~detection by the sensor~~proximity of said object;

at least one receiver unit ~~capable of receiving~~ arranged to receive wireless transmissions from said wireless transmitter unit; and

an indicating means in communication with said receiver unit to provide a driver with an indication of the proximity of said object ~~objects~~ sensed by the sensor unit ~~sensors~~ as transmitted by the transmitter unit and received by the receiver unit; and

wherein said sensor unit, said electronic control unit and said transmitter unit are incorporated in a housing for fitment to a vehicle together.

Claim 17 (currently amended) The ~~An~~ object proximity detection system as claimed in claim 16 wherein said housing is substantially secure against the ingress of water in use.

Claim 18 (currently amended) The ~~An~~ object proximity detection system as claimed in claim 16 wherein said housing includes a front plate on or in which said at least one sensor ~~may be~~ is mounted.

Claim 19 (currently amended) The ~~An~~ object proximity detection system as claimed in claim 18 wherein said transmitter is enclosed in said housing behind said front plate.

Claim 20 (currently amended) The ~~An~~ object proximity detection system as claimed in claim 16 wherein said housing includes fitment means for fitment to a bumper of a vehicle.

Claim 21 (currently amended) The ~~An~~ object proximity detection system as claimed in claim 16 wherein at least one wire for connection to a power source extends from said housing for attachment to a power source on said vehicle.

Claim 22 (currently amended) An object proximity detection system for warning a driver of an object in the path of a vehicle while reversing, said system including:

~~at least one~~ a first proximity sensor unit for attachment to an exterior of a first vehicle to detect an object behind the first vehicle;

said first proximity sensor unit comprising

a plurality of sensors;

each sensor being arranged to transmit an ultrasonic signal and receive a reflected signal from an object in the path of a transmitted signal from the same sensor or a different sensor;

an electronic controller arranged to receive said reflected signals from said sensors and determine the proximity of said object to the first vehicle; and

~~at least one~~ a wireless transmitter ~~unit~~ in communication with said ~~sensor~~ controller to transmit signals in accordance with the proximity of the object ~~objects~~ detected by said first sensor unit;

a second proximity sensor unit for attachment to an exterior of a second vehicle being towed by the first vehicle to detect an object behind the second vehicle;

said first proximity sensor unit comprising

a plurality of sensors;

each sensor being arranged to transmit an ultrasonic signal and receive a reflected signal from an object in the path of a transmitted signal from the same sensor or a different sensor;

an electronic controller arranged to receive said reflected signals from said sensors and determine the proximity of said object to the second vehicle; and

a wireless transmitter in communication with said controller to transmit signals in accordance with the proximity of the object detected by said second sensor unit;

wherein the system further comprises

~~at least one~~ a receiver unit to receive transmitted signals from said ~~transmitter~~first and second sensor units;

at least one indicating means to provide a driver with an indication of objects sensed by said first and second sensor units; and

wherein said receiver unit includes switching means such that said indicating means ~~may provide~~ provides a driver with an indication of objects sensed by second sensor unit ~~sensors~~ on ~~a~~ the towed vehicle and discontinues ~~discontinue~~ indicating objects sensed by ~~proximity~~ the first sensor unit ~~sensors~~ on the towing vehicle.

Claims 23 – 24 (cancelled)

Claim 25 (New) The system according to claim 1 in which said detachable unit is transferable between a first vehicle and a second vehicle towed by the first vehicle such that, when the second vehicle is towed by the first vehicle, said receiver means provides an indication of the proximity of an object behind the second vehicle and, when the

second vehicle is not towed by the first vehicle, said receiver means provides an indication of the proximity of an object behind the first vehicle.

Claim 26 (New) The object proximity detection system according to claim 16 in which said sensor unit is operable to detect an object within a range of one meter.

Claim 27 (New) The object proximity detection system according to claim 26 in which, in use, said sensor unit is operable to detect an object when reverse gear is selected.

Claim 28 (New) The object proximity detection system according to claim 22 in which said sensor units are operable to detect an object within a range of one meter.

Claim 29 (New) The object proximity detection system according to claim 28 in which, in use, each of said sensor units is operable to detect an object when reverse gear is selected.